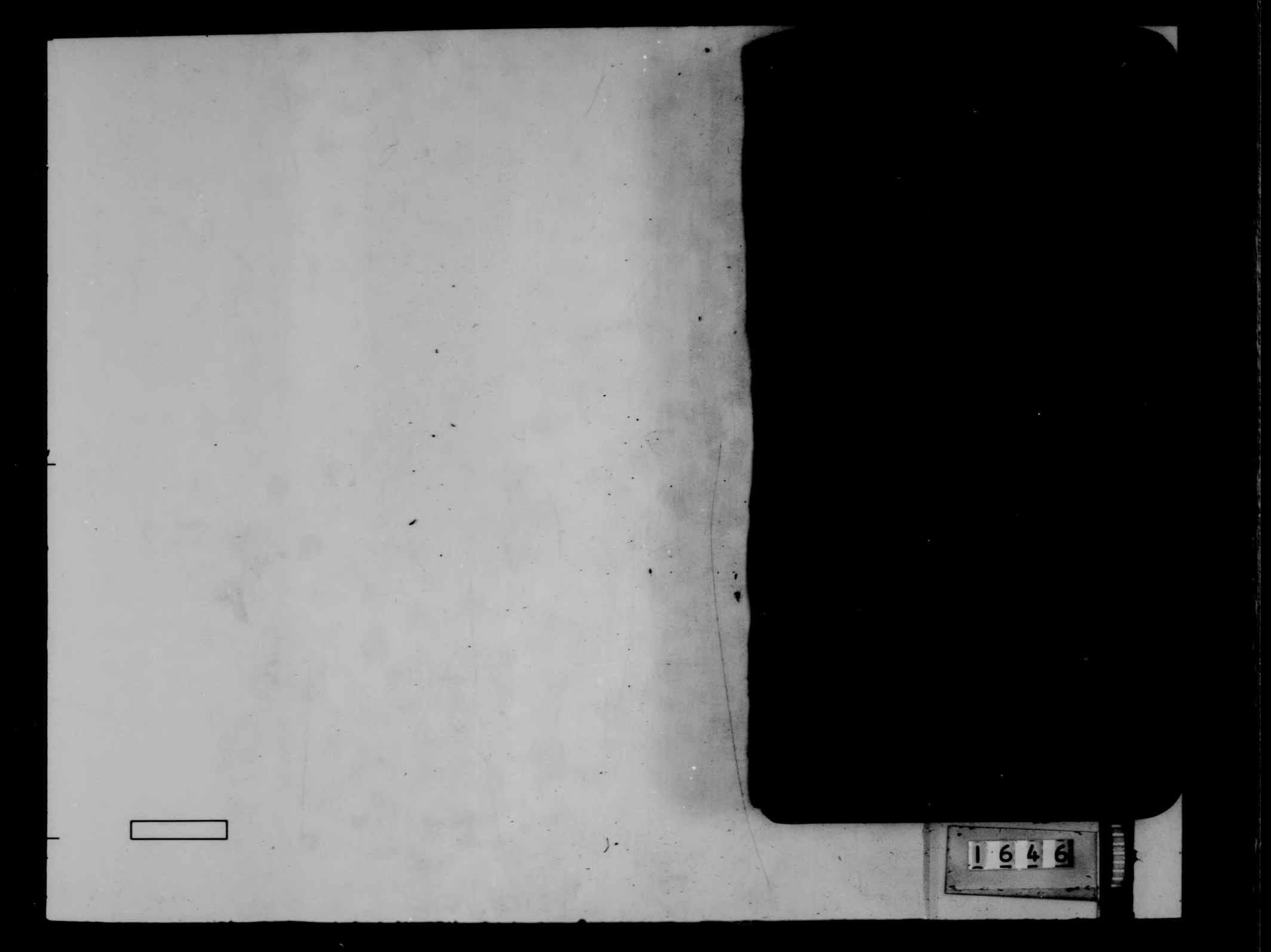
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T. 1108 + 10.7 N° End Drawbridge

T 1109 + 97.5. S° End. "

906 + 15.

50464

DIAGRAM FOR TABLE 1

Form 3013

11-21-06-2M S1283

1647

MEMBERS of PARTY.

Bradford Wheeler		Asst Eng.
P.E. Dufour	Fair Oaks. Cal.	Instrument-man
W. Miller	San Francisco "	Rodman
O. Symms	San Jose "	"
H. Bick	Ohio	Chain man
H. Chinesmith	Redding "	Axeman

Original Cross Section Book No 7

1948

1170

1169 + 30.5

1169

Form 3613

Cross Section of Sta D 831+35 A. Proposed site for Drainage Irrigation Pipe.
August 20, 1910.

Lt C. Rt

Depth to hardpan

D 831+35	∠ 90° 0.0 M	0.0 / 70°	1.8 WS / 68°	1.0 / 61°	2.2 / 50°	4.1 / 19°	5.1 / 10°	3.7	4.3 / 10°	3.2 / 35°	1.6 / 39°	1.7 / 100°	1.2 / 175°	-0.2 / 176°
		-7.3 / 170°	-9.0 / 150°	-2.7 / 130°	-11.0 / 110°	-8.5 / 90°	-3.3 / 80°		-1.2 / 180°	-1.4 / 200°	-1.6 / 250°	-1.9 / 360°	-2.0 / 430°	
			2.6 / 307°	1.8 WS / 301.0	-5.4 / 190°	-6.8 / 180°			-2.0 / 530°	-1.7 / 650°	-1.2 / 670°	-0.2 WS / 690°	1.6 / 691.0	

(-4.2 / 50.0°) (-4.1 / 39.0°)

Elev from Sacramento Southern Datum

Soundings for hardpan taken with ⅝" iron rod.

P.S.

Form 3013

1649

Form 3613

Pages 3 To Used In
Final Estimate No. 156

Embankment Original Cross Sections continued
from Original Cross Section Book No 6 page 43

1650

Sta.	Elev	Grade		Lt		℄		Rt	
+50				-18.2 / 45.4	-18.4 / 9.0	-18.5	-18.5 / 9.0	-18.6 / 46.2	
913		23.1855		-18.1 / 45.2	-18.4 / 9.0	-18.5	-18.5 / 9.0	-18.5 / 46.0	
+50				-18.2 / 45.4	-18.2 / 9.0	-18.4	-18.2 / 9.0	-18.1 / 45.2	
912		23.1900	-0.00458	-18.1 / 45.2	-18.1 / 9.0	-18.0	-18.2 / 9.0	-18.0 / 45.0	
+50				-17.9 / 44.8	-17.8 / 9.0	-17.9	-17.9 / 9.0	-17.8 / 44.6	
911		23.1945		-17.6 / 44.2	-17.6 / 9.0	-17.7	-17.7 / 9.0	-17.8 / 44.6	
+50				-17.8 / 44.6	-17.7 / 9.0	-17.6	-17.9 / 9.0	-18.1 / 45.2	
910		23.209	-0.00465	-17.7 / 44.4	-17.8 / 9.0	-17.8	-17.8 / 9.0	-18.0 / 45.0	
+50				-18.0 / 45.0	-17.7 / 9.0	-17.6	-17.6 / 9.0	-17.8 / 44.6	
909		23.2135		-18.0 / 45.0	-17.8 / 9.0	-17.9	-17.9 / 9.0	-18.0 / 45.0	

Form 3612

1651

Sta.	Elev.	Grade		L+		C		572	
+50				-18.2 / 46.4	-16.7 / 9.0	-16.6	-16.1 / 9.0	-16.2 / 46.4	
918		23.168							
+50									
917		23.1675	-0.00458						
+50				-16.8 / 46.0	-17.1 / 9.0	-17.8	-18.0 / 9.0	-18.1 / 45.2	
916		23.172		-17.2 / 46.4	-18.4 / 9.0	-18.3	-18.4 / 9.0	-18.0 / 45.2	
+50				-18.4 / 46.8	-18.6 / 9.0	-18.5	-18.5 / 9.0	-18.9 / 46.2	
915		23.1765	-0.00455	-18.4 / 46.8	-18.6 / 9.0	-18.9	-18.8 / 9.0	-18.6 / 46.2	
+50				-18.2 / 46.4	-18.2 / 9.0	-18.4	-18.8 / 9.0	-18.6 / 46.2	
914		23.181		-18.4 / 46.8	-18.3 / 9.0	-18.4	-18.4 / 9.0	-18.6 / 46.2	

Form 3013

1652

Sta.	Elev.	Angle.		Lt		O		Rt	
+50				-17.7 / 44.0	-17.6 / 9.0	-17.5	-17.5 / 9.0	-17.2 / 43.4	
923		23.1405		-17.7 / 44.4	-17.8 / 9.0	-17.7	-17.6 / 9.0	-17.5 / 44.0	
+50			-0.0075	-17.7 / 44.4	-17.8 / 9.0	-17.8	-17.8 / 9.0	-17.8 / 44.6	
922		23.1450		-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 9.0	-18.2 / 45.4	
+50				-18.0 / 45.0	-18.1 / 9.0	-18.1	-18.2 / 9.0	-18.2 / 45.4	
921		23.1495		-18.1 / 45.2	-18.1 / 9.0	-18.1	-18.3 / 9.0	-18.5 / 46.0	
+50				-18.3 / 45.4	-18.2 / 9.0	-18.2	-18.3 / 9.0	-18.3 / 45.4	
920		23.1540	-0.0075	-18.2 / 45.4	-18.4 / 9.0	-18.4	-18.4 / 9.0	-18.2 / 45.4	
+50				-18.1 / 45.2	-18.0 / 9.0	-18.2	-18.1 / 9.0	-16.7 / 40.4	
D 919		23.1585		-18.2 / 45.4	-18.2 / 9.0	-18.2	-18.3 / 9.0	-16.0 / 41.0	

Form 3013

1653

Sta.	Elev	Grade		L+		O		R+	7
+50				-17.5 / 44.0	-17.9 / 9.0	-17.2	-17.8 / 9.0	-17.1 / 43.2	
928		23.1180		-17.1 / 43.2	-17.2 / 9.0	-17.1	-17.0 / 9.0	-17.1 / 43.2	
+50			-0.0045	-16.8 / 42.6	-17.1 / 9.0	-17.0	-16.9 / 9.0	-17.1 / 43.2	
927		23.1225		-16.8 / 42.6	-16.9 / 9.0	-16.9	-16.9 / 9.0	-16.9 / 42.8	
+50				-17.0 / 43.0	-16.9 / 9.0	-16.9	-16.9 / 9.0	-16.9 / 42.8	
926		23.1270		-17.0 / 43.0	-16.8 / 9.0	-16.8	-16.9 / 9.0	-16.8 / 42.6	
+50				-17.1 / 43.2	-16.7 / 9.0	-16.7	-16.8 / 9.0	-16.7 / 42.4	
925		23.1315	-0.0045	-17.1 / 43.2	-16.8 / 9.0	-16.7	-16.6 / 9.0	-16.9 / 41.6	
+50				-17.8 / 44.6	-17.1 / 9.0	-16.9	-16.8 / 9.0	-16.5 / 42.0	
924		23.1360		-17.8 / 44.6	-17.4 / 9.0	-17.2	-17.1 / 9.0	-16.7 / 42.4	

Form 3513

1654

STA	ELEV	GRADE		L+		Q			
932		23.1000		-18.8 / 46.8	-18.2 / 9.0	-18.0	-17.8 / 9.0	-17.7 / 44.4	
+85				-21.6 / 52.2	-12.9 / 9.0	-18.9	-18.6 / 9.0	-17.8 / 44.6	
+50				-22.2 / 53.4	-21.6 / 9.0	-21.8	-21.2 / 9.0	-19.0 / 42.0	-17.8 / 44.6
931		23.1045		-21.7 / 53.4	-21.3 / 9.0	-21.3	-21.2 / 9.0	-20.8 / 19.6	
+62			-18.9 / 46.8	-18.5 / 43.0	-18.1 / 17.0	-19.1 / 9.0	-19.3	-19.4 / 9.0	-18.1 / 20.0	-17.2 / 43.0	-15.6 / 40.2
+50				-21.2 / 51.4	-19.4 / 34.0	-19.8 / 9.0	-20.5	-20.0 / 9.0	-16.8 / 42.6	
930		23.109		-20.8 / 50.2	-22.8 / 9.0	-22.6	-22.4 / 9.0	-21.5 / 53.0	
+68				-18.0 / 45.0	-18.0 / 9.0	-17.9	-17.9 / 9.0	-17.6 / 44.2	
+50				-18.0 / 45.0	-17.8 / 9.0	-17.7	-17.8 / 9.0	-17.5 / 44.0	
D929		23.1135		-17.8 / 44.6	-17.6 / 9.0	-17.4	-17.5 / 9.0	-17.4 / 43.8	

Form 3018

1655

Sta	Elev	Angle		L		O		R
940 △		23.064		-20.1 / 49.2	-20.1 / 9.0	-20.1	-20.1 / 9.0	-20.1 / 49.2
939		23.0685		-18.1 / 45.2	-18.1 / 9.0	-18.1	-18.2 / 9.0	-18.0 / 45.0
938		23.073		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0
937		23.0775		-19.6 / 48.2	-19.6 / 9.0	-19.6	-19.6 / 9.0	-19.6 / 48.2
936		23.082		-19.4 / 47.8	-19.4 / 9.0	-19.4	-19.4 / 9.0	-19.4 / 47.8
935		23.0865		-18.8 / 46.6	-18.8 / 9.0	-18.8	-18.8 / 9.0	-18.8 / 46.6
934		23.091.0		-19.6 / 48.2	-19.6 / 9.0	-19.6	-19.6 / 9.0	-19.6 / 48.2
750				-19.8 / 47.6	-19.5 / 9.0	-19.4	-19.8 / 9.0	-18.8 / 46.6
933		23.0955		-19.2 / 47.4	-19.1 / 9.0	-19.1	-18.9 / 9.0	-18.4 / 46.8
932750				-19.2 / 47.4	-18.6 / 9.0	-18.9	-18.6 / 9.0	-18.1 / 45.2

+0.0045

-0.0045

1656

Form 3012

Sta	Elev.	GRADE		L		C		R	
950		23.019		-20.2 / 32.7	-20.2 / 12.3	-20.2	-20.2 / 9.0	-20.2 / 149.4	
949		23.0285		-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0	
948		23.038	-.00459	-20.9 / 50.8	-20.9 / 9.0	-20.9	-20.9 / 9.0	-20.9 / 50.8	
947		23.0425		-20.8 / 50.6	-20.8 / 9.0	-20.8	-20.8 / 9.0	-20.8 / 50.6	
946		23.037		-20.7 / 50.4	-20.7 / 9.0	-20.7	-20.7 / 9.0	-20.7 / 50.4	
945		23.0415		-20.8 / 50.6	-20.8 / 9.0	-20.8	-20.8 / 9.0	-20.8 / 50.6	
944		23.0460		-20.1 / 49.2	-20.1 / 9.0	-20.1	-20.1 / 9.0	-20.1 / 49.2	
943		23.0505	-.00459	-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 9.0	-19.8 / 48.6	
942		23.055		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0	
941		23.0595		-19.9 / 48.8	-19.9 / 9.0	-19.9	-19.9 / 9.0	-19.9 / 48.8	

1657

Stn	Elev.	Grade	Lt.	C.	Rt.
958	22.9983	-20.8 / 63.2	-20.8 / 22.0	-20.8	-20.8 / 9.0 / -20.8 / 50.6
957	22.9875	-20.5 / 63.0	-20.5 / 22.0	-20.5	-20.5 / 9.0 / -20.5 / 50.0
956	22.9920	-20.4 / 62.8	-20.4 / 22.0	-20.4	-20.4 / 9.0 / -20.4 / 49.8
955	22.9965	-20.5 / 63.0	-20.5 / 22.0	-20.5	-20.5 / 9.0 / -20.5 / 50.0
954	23.0005	-20.4 / 62.8	-20.4 / 22.0	-20.4	-20.4 / 9.0 / -20.4 / 49.8
953	23.0085	-20.6 / 63.2	-20.6 / 22.0	-20.6	-20.6 / 9.0 / -20.6 / 50.2
952	23.0095	-20.0 / 62.0	-20.0 / 22.0	-20.0	-20.0 / 9.0 / -20.0 / 49.0
1+50		-19.8 / 61.6	-19.8 / 22.0	-19.8	-19.8 / 9.0 / -19.8 / 48.6
951	23.0145	-20.2 / 62.4	-20.2 / 22.0	-20.2	-20.2 / 9.0 / -20.2 / 49.4
950+50		-20.2 / 62.4	-20.2 / 22.0	-20.2	-20.2 / 9.0 / -20.2 / 49.4

1658

Sta	Elev	Grade	L	O	D	
968	22.938	-21.0 / 64.0	-21.0 / 22.0	-21.0	-21.0 / 9.0	-21.0 / 57.0
967	22.937 25	-21.0 / 64.0	-21.0 / 22.0	-21.0	-21.0 / 9.0	-21.0 / 57.0
966	22.937	-20.1 / 63.2	-20.1 / 22.0	-20.1	-20.1 / 9.0	-20.1 / 49.2
965	22.936	-19.6 / 61.2	-19.6 / 23.0	-19.6	-19.6 / 9.0	-19.6 / 48.2
964	22.936	-19.1 / 60.2	-19.1 / 22.0	-19.1	-19.1 / 9.0	-19.1 / 47.2
963	22.936 05	-19.2 / 60.4	-19.2 / 22.0	-19.2	-19.2 / 9.0	-19.2 / 47.8
962	22.936 5	-19.8 / 61.6	-19.8 / 22.0	-19.8	-19.8 / 9.0	-19.8 / 48.8
961	22.936 95	-20.3 / 62.6	-20.3 / 22.0	-20.3	-20.3 / 9.0	-20.0 / 49.6
960 A	22.937	-20.5 / 63.0	-20.5 / 22.0	-20.5	-20.5 / 9.0	-20.5 / 50.0
959	22.937 5	-20.8 / 63.6	-20.8 / 22.0	-20.8	-20.8 / 9.0	-20.8 / 50.6

-0.004 58

-0.004 22

1659

| | | |

Sta	Elev.	GRADE					
985		22.94.5		-19.9 / 48.9	-19.9 / 9.0	-19.9	-19.9 / 9.0	-19.9 / 50.0
984		22.950		-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0
983		22.9586	-0.0085	-20.9 / 50.8	-20.9 / 9.0	-20.9	-20.9 / 9.0	-20.9 / 50.8
982		22.967.0	-	-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0
981		22.976.5		-21.0 / 51.0	-21.0 / 9.0	-21.0	-21.0 / 9.0	-21.0 / 51.0
980 △		22.984	+	-21.1 / 51.2	-21.1 / 9.0	-21.1	-21.1 / 9.0	-21.1 / 51.2
+50				-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0
979		22.8825	-0.0045	-20.5 / 53.9	-20.5 / 12.3	-20.5	-20.5 / 9.0	-20.5 / 50.6
+50				-20.5 / 56.9	-20.5 / 15.5	-20.5	-20.5 / 9.0	-20.5 / 50.0
D 978		22.8930		-20.7 / 60.2	-20.7 / 18.8	-20.7	-20.7 / 9.0	-20.7 / 50.4

1961

Sta	Elev.	Grade		Lt		℄		Rt	
995		22.7565		-20.9 / 60.5		-20.9 / 9.0	-20.9	-20.9 / 9.0	-20.9 / 60.5
994		22.7650		-21.1 / 59.2		-21.1 / 9.0	-21.1	-21.1 / 9.0	-21.1 / 59.2
993		22.7735	-.00085	-21.2 / 59.4		-21.2 / 9.0	-21.2	-21.2 / 9.0	-21.2 / 59.4
992		22.7820		-20.6 / 60.2		-20.6 / 9.0	-20.6	-20.6 / 9.0	-20.6 / 60.2
991		22.7905		-21.1 / 59.2		-21.1 / 9.0	-21.1	-21.1 / 9.0	-21.1 / 59.2
990 △		22.799		-20.4 / 49.8		-20.4 / 9.0	-20.4	-20.4 / 9.0	-20.4 / 49.8
989		22.8075		-20.7 / 50.4		-20.7 / 9.0	-20.7	-20.7 / 9.0	-20.7 / 50.4
988		22.8160	-.00085	-20.3 / 49.6		-20.3 / 9.0	-20.3	-20.3 / 9.0	-20.3 / 49.6
987		22.8245		-20.0 / 49.4		-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0
D986		22.8330		-19.6 / 48.2		-19.6 / 9.0	-19.6	-19.6 / 9.0	-19.6 / 48.2

29621

Sta	Elev	Grade		Lt		C		Rt	16
1005	22.675		-20.7 / 50.4	-20.7 / 9.0	-20.7	-20.7 / 9.0	-20.7 / 50.4		
1004	22.680		-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0		
1003	22.685	-.00552	-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 9.0	-20.5 / 50.0		
1002	22.690		-20.6 / 50.2	-20.6 / 9.0	-20.6	-20.6 / 9.0	-20.6 / 50.2		
1001	22.7055		-19.5 / 48.0	-19.5 / 9.0	-19.5	-19.5 / 9.0	-19.5 / 48.0		
1000 Δ	22.714		-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 9.0	-19.8 / 48.6		
999	22.7225		-20.9 / 50.8	-20.9 / 9.0	-20.9	-20.9 / 9.0	-20.9 / 50.8		
998	22.7310	-.00552	-21.1 / 51.2	-21.1 / 9.0	-21.1	-21.1 / 9.0	-21.1 / 51.2		
997	22.7395		-21.1 / 51.2	-21.1 / 9.0	-21.1	-21.1 / 9.0	-21.1 / 51.2		
D996	22.748.0		-21.0 / 51.0	-21.0 / 9.0	-21.0	-21.0 / 9.0	-21.0 / 51.0		

16631

Sta.	Elev.	Grade		Lt		C		Rt	
1015		22.5865		-21.0 51.0		-21.0 9.0	-21.0	-21.0 9.0	-21.0 51.0
1014		22.5995		-20.9 50.8		-20.9 9.0	-20.9	-20.9 9.0	-20.9 50.8
1013		22.6095	-0.005 ft/ft	-20.7 50.4		-20.7 9.0	-20.7	-20.7 9.0	-20.7 50.4
1012		22.6120		-20.9 50.8		-20.9 9.0	-20.9	-20.9 9.0	-20.9 50.8
1011		22.6205		-21.1 51.2		-21.1 9.0	-21.1	-21.1 9.0	-21.1 51.2
1010 A		22.629		-20.7 50.4		-20.7 9.0	-20.7	-20.7 9.0	-20.7 50.4
1009		22.6375		-20.8 50.6		-20.8 9.0	-20.8	-20.8 9.0	-20.8 50.6
1008		22.6460	-0.005 ft/ft	-20.6 50.2		-20.6 9.0	-20.6	-20.6 9.0	-20.6 50.2
1007		22.6545		-20.7 50.4		-20.7 9.0	-20.7	-20.7 9.0	-20.7 50.4
1006		22.6630		-20.9 50.8		-20.9 9.0	-20.9	-20.9 9.0	-20.9 50.8

16641

Sta	Elev.	GRADE		LT	C	RT	
1026		22.5045		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 49.0
1024		22.5100		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 49.0
1023		22.5185	0.0085	-20.2 / 49.4	-20.2 / 9.0	-20.2	-20.2 / 49.4
1022		22.5270		-20.2 / 49.4	-20.2 / 9.0	-20.2	-20.2 / 49.4
1021		22.5355		-20.4 / 49.8	-20.4 / 9.0	-20.4	-20.4 / 49.8
1020A		22.544		-20.1 / 49.2	-20.1 / 9.0	-20.1	-20.1 / 49.2
1019		22.5525		-20.1 / 49.2	-20.1 / 9.0	-20.1	-20.1 / 49.2
1018		22.5610	0.0085	-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.5 / 50.0
1017		22.5695		-20.7 / 50.4	-20.7 / 9.0	-20.7	-20.7 / 50.4
D1016		22.579		-20.7 / 50.4	-20.7 / 9.0	-20.7	-20.7 / 50.4

1665

Sta	Elev.	Grn		Lt		O		Rt	
1035	22.4175		-20.0 / 79.0	-20.0 / 9.0		-20.0	-20.0 / 9.0	-20.0 / 79.0	
1034	22.4260		-20.0 / 79.0	-20.0 / 9.0		-20.0	-20.0 / 9.0	-20.0 / 79.0	
1033	22.4345	0.0065	-19.9 / 78.7	-19.9 / 9.0		-19.9	-19.9 / 9.0	-19.8 / 78.8	
1032	22.4430		-19.8 / 78.6	-19.8 / 9.0		-19.8	-19.8 / 9.0	-19.8 / 78.6	
1031	22.4515		-19.6 / 78.2	-19.6 / 9.0		-19.6	-19.6 / 9.0	-19.6 / 78.2	
1030	22.459		-19.4 / 77.8	-19.4 / 9.0		-19.4	-19.4 / 9.0	-19.4 / 77.8	
1029	22.4676		-19.3 / 77.4	-19.3 / 9.0		-19.3	-19.3 / 9.0	-19.3 / 77.6	
1028	22.4760	0.0065	-19.2 / 77.2	-19.2 / 9.0		-19.2	-19.2 / 9.0	-19.2 / 77.2	
1027	22.4845		-18.7 / 76.9	-18.7 / 9.0		-18.7	-18.7 / 9.0	-18.7 / 76.4	
1026	22.4930		-18.9 / 76.8	-18.9 / 9.0		-18.9	-18.9 / 9.0	-18.8 / 76.8	

19661

Stn	Elev. Grade		L+		C	R+	
1045	22.338		-18.4 / 45.8	-18.4 / 9.0	-18.4	-18.4 / 9.0	-18.4 / 45.8
1044	22.340		-18.8 / 46.6	-18.8 / 9.0	-18.8	-18.8 / 9.0	-18.8 / 46.6
1043	22.3485	-0.0085	-19.4 / 47.8	-19.4 / 9.0	-19.4	-19.4 / 9.0	-19.4 / 47.8
1042	22.3570		-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 9.0	-19.8 / 48.6
1041	22.3655		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0
1040	22.374		-19.7 / 48.4	-19.7 / 9.0	-19.7	-19.7 / 9.0	-19.7 / 48.4
1039	22.3825		-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 9.0	-19.8 / 48.6
1038	22.3910	-0.0085	-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0
1037	22.4006		-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 9.0	-19.8 / 48.6
D 1036	22.4090		-19.5 / 48.0	-19.5 / 9.0	-19.5	-19.5 / 9.0	-19.5 / 48.0

19691

Sta	Elev.	Grade		Lt.	C	Rt.	
1056		22.2465		-18.8 / 45.6	-18.8 / 9.0	-18.8	-18.8 / 45.6
1054		22.2565		-18.2 / 45.4	-18.2 / 9.0	-18.2	-18.2 / 45.4
1053		22.2625	-0.0085	-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 45.0
1052		22.2720		-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 45.0
1051		22.2805		-18.4 / 45.8	-18.4 / 9.0	-18.4	-18.4 / 45.8
1050		22.289		-18.2 / 47.4	-18.2 / 9.0	-18.2	-18.2 / 47.4
1049		22.2975		-19.6 / 48.2	-19.6 / 9.0	-19.6	-19.6 / 48.2
1048		22.306	-0.0085	-19.3 / 47.6	-19.3 / 9.0	-19.3	-19.3 / 47.6
1047		22.3145		-19.2 / 47.2	-19.2 / 9.0	-19.2	-19.2 / 47.4
D1046		22.323		-18.6 / 46.2	-18.6 / 9.0	-18.6	-18.6 / 46.2

16968

Stn	Elev	Pryde		Lt.		C		Rt.	32
1065		22.1615		-17.9 / 44.8	-17.9 / 9.0	-17.9	-17.9 / 9.0	-17.9 / 44.8	
1064		22.170		-17.7 / 44.4	-17.7 / 9.0	-17.7	-17.7 / 9.0	-17.7 / 44.4	
1063		22.1785	-0.0085	-17.8 / 44.6	-17.8 / 9.0	-17.8	-17.8 / 9.0	-17.8 / 44.6	
1062		22.1870		-17.9 / 44.8	-17.9 / 9.0	-17.9	-17.9 / 9.0	-17.9 / 44.8	
1061		22.1958		-17.9 / 44.8	-17.9 / 9.0	-17.9	-17.9 / 9.0	-17.9 / 44.8	
1060		22.2047		-18.5 / 46.0	-18.5 / 9.0	-18.5	-18.5 / 9.0	-18.5 / 46.0	
1059		22.2125		-18.7 / 46.4	-18.7 / 9.0	-18.7	-18.7 / 9.0	-18.7 / 46.4	
1058		22.221	-0.0085	-19.0 / 47.0	-19.0 / 9.0	-19.0	-19.0 / 9.0	-19.0 / 47.0	
1057		22.2295		-19.5 / 48.0	-19.5 / 9.0	-19.5	-19.5 / 9.0	-19.5 / 48.0	
D 1056		22.238		-19.1 / 47.2	-19.1 / 9.0	-19.1	-19.1 / 9.0	-19.1 / 47.2	

1999

Sta.	Elev.	Grade		Lt		C		Rt
1075	22.125	22.125		-19.3 / 47.6	-19.3 / 9.0	-19.0	-19.3 / 9.0	-19.3 / 47.6
+63.67	22.080	22.080	X					
1074		22.0850		-20.0 / 49.0	-20.0 / 9.0	-20.0	-20.0 / 9.0	-20.0 / 49.0
1073		22.0985		-19.2 / 47.4	-19.2 / 9.0	-19.2	-19.2 / 9.0	-19.2 / 47.4
1072		22.102		-19.1 / 47.2	-19.1 / 9.0	-19.1	-19.1 / 9.0	-19.1 / 47.2
+27.62 ℄ B.B		22.1030 1° Rt						
1071		22.1105		-18.3 / 45.6	-18.3 / 9.0	-18.3	-18.3 / 9.0	-18.3 / 45.6
1070		22.119		-18.1 / 45.2	-18.1 / 9.0	-18.1	-18.1 / 9.0	-18.1 / 45.2
1069		22.1275		-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 9.0	-18.0 / 45.0
1068		22.1360		-17.8 / 44.6	-17.8 / 9.0	-17.8	-17.8 / 9.0	-17.8 / 44.6
1067		22.1445		-17.8 / 44.6	-17.8 / 9.0	-17.8	-17.8 / 9.0	-17.8 / 44.6
D1166		22.1520		-17.6 / 44.2	-17.6 / 9.0	-17.6	-17.6 / 9.0	-17.6 / 44.2

1970

1671

Sta	Elev	Grade	L+		Q		D+
+18			-18.6 / 46.2	-18.6 / 9.0	-18.6	-18.6 / 9.0	-18.6 / 46.2
+3	24.125		-18.6 / 46.2	-18.6 / 9.0	-18.6	-22.5 / 10 -28.5 / 9.0	-34.4 / 60.0 -31.8 / 42.6
1090	24.000	T-0.125S	-18.6 / 46.2	-18.6 / 9.0	-18.7 / 2.0 -23.5	-23.5 / 9.0	-31.4 / 42.0 -18.0 / 45.0
+75			-24.2 / 67.4	-24.3 / 9.0	-24.2	-17.9 / 3.0	-17.9 / 9.0 -17.9 / 44.8
+73			-24.2 / 67.4	-24.2 / 9.0	-17.9	-17.9 / 9.0	-17.9 / 44.8
+50			-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 9.0	-18.0 / 45.0
1089	23.875		-17.9 / 44.8	-17.9 / 9.0	-17.9	-17.9 / 9.0	-17.9 / 44.8
1088	23.750		-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 9.0	-18.0 / 45.0
1087	23.625	T-0.125S	-18.3 / 46.6	-18.3 / 9.0	-18.3	-18.3 / 9.0	-18.3 / 45.6
Dam	20.000		-18.0 / 45.0	-18.0 / 9.0	-18.0	-18.0 / 9.0	-18.0 / 45.0

1972

Office Clock Rates

| | | |

Sta. Elev Grade Lt. C. Rt. 37

T 1107+60.5 Δ
=
D 1108+65.3 Δ

1108 25.000 Level

Continued, beyond Snodgrass Slough, on page 29.

1107 25.000

1106 4.6 25.000

1105+73.3 05 Level

1105 5.0

+53.45 Δ E.O.C. Rt.

1104 2.1

1103 2.2 25.000 Level

1102 25.000

D 1101 Δ 25.000

1674

St. Elev Grade 4 0 Bt 08

"D" 805 +75 for Pipe Line

March 24, 1912.

1675

"D" 805+75

132 / 45° | 147 / 39° | 205 / 15° | 237 / 13° | 240 / 5° | 247 / 4° | 349 | 242 / 4° | 241 / 5° | 238 / 14° | 166 / 29° | 134 / 48°

-32 / 74° | 188 / 90° | 238 / 69° | 256 / 62° | 114 / 58° | 189 / 60° | 126 / 100° | 120 / 150°

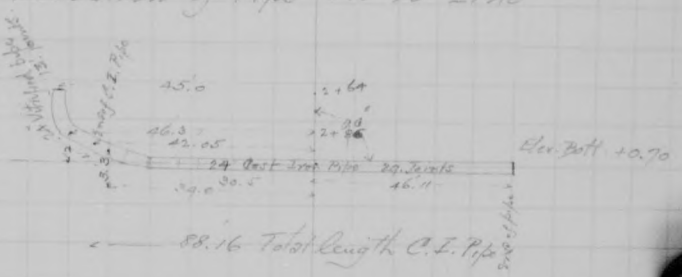
Location of Pipe on Tie Line

L 2+64

L 2+86

L 3+00

Elev. Bott 41.0



Sta.	Elev.	Grade	Ht.	C	Dt	29
125						
1117						
178.5 Δ						
		Level				
150						
128.5		of Back of Boat 6.5				
			-12.4 / 48.8	-15.7 / 50	-15.6	-16.9 / 51	-17.0 / 49.0
1116			-19.7 / 36.4			-17.5 / 34.2
			-18.8 / 36.4	-18.7 / 36.7	-18.5 / 36.7	

Continued from page 27.

1676

Sta	Elev	GRADE	Lt.		C	Rt.	
1117+25		25.000	-14.1 31.2	-12.6 9.0	-12.8	-13.1 9.0	-12.2 34.4
1117		25.000	-12.5 34.0	-12.0 9.0	-11.2	-12.0 9.0	-12.6 34.2
1178+75		25.000	-11.4 31.8	-11.4 9.0	-11.8	-11.4 9.0	-12.1 33.2
1116+50		25.000	-11.8 32.6	-11.5 9.0	-11.5	-11.6 9.0	-11.6 32.2

Lot 87

1971

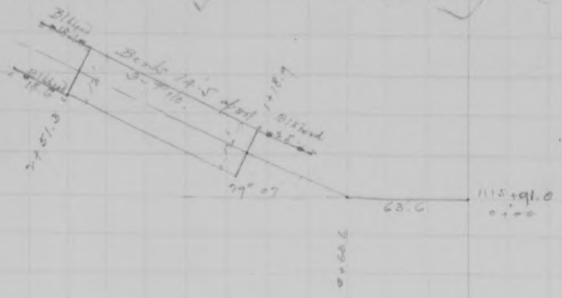
Sta	Elev	Grade		Lt		℄	Rt	
1122		24.500		-16.7 / 42.4	-18.1 / 9.0	-18.5	-18.7 / 9.0	-19.3 / 47.6
+50				-16.1 / 39.2	-16.1 / 9.0	-17.7	-17.8 / 9.0	-18.4 / 45.5
1121		24.625		-13.4 / 38.7	-13.8 / 9.0	-14.2	-14.5 / 9.0	-15.9 / 40.8
+50				-12.9 / 34.8	-13.1 / 9.0	-13.2	-13.4 / 9.0	-14.9 / 37.6
1120		24.750		-13.2 / 35.7	-13.4 / 9.0	-13.8	-13.9 / 9.0	-14.8 / 36.6
+50				-14.0 / 37.0	-14.2 / 9.0	-14.2	-14.2 / 9.0	-14.5 / 38.0
1119		24.875		-16.0 / 39.0	-14.9 / 9.0	-14.9	-14.8 / 9.0	-15.5 / 40.0
+50				-15.4 / 39.8	-15.3 / 9.0	-15.2	-15.1 / 9.0	-15.7 / 40.4
1118		25.000		-14.9 / 38.2	-15.3 / 9.0	-15.3	-15.8 / 9.0	-16.0 / 41.0
1117+50		25.000		-13.5 / 34.0	-13.4 / 9.0	-13.8	-13.7 / 9.0	-14.8 / 37.6

1678

Stff Elev. Grade. Lt. 0 Rt. 32

1679

Location of Locke's Bridge (Cattle Xing)



1115+91.0

Levels on Bridge & Road.

		Elevation
0		7.3
+63.6		4.9
+90		4.9
1+19	Floor of Bridge	5.9
2+57.3		5.9
2+70		4.3
3		4.3

Stn	Elev	Grade		Lt.		O		Rt.	
1127		23.875		-14.5 38.0	-14.0 9.0	-14.2	-14.3 9.0	-14.4 37.8	
+50				-14.0 39.0	-14.4 9.0	-14.2	-14.3 9.0	-14.4 37.8	
1126		24.000	-0.125%	-15.9 40.8	-15.3 9.0	-15.2	-15.1 9.0	-15.0 39.0	
+50				-16.9 46.8	-16.3 9.0	-16.2	-16.4 9.0	-15.9 40.8	
1125		24.125		-20.4 49.8	-19.1 9.0	-19.0	-18.9 9.0	-17.9 44.7	
+50				-20.1 49.2	-20.3 9.0	-20.2	-20.9 9.0	-19.5 45.0	
1124		24.250		-18.9 46.8	-19.2 9.0	-19.2	-19.2 9.0	-19.5 48.0	
+50			-0.125%	-18.8 46.6	-19.2 9.0	-19.3	-19.1 9.0	-19.1 47.2	
1123		24.375		-18.3 46.6	-19.1 9.0	-19.1	-19.0 9.0	-19.3 47.6	
+50				-18.1 46.2	-18.8 9.0	-19.1	-19.1 9.0	-19.4 47.8	

16801

STA	ELEV	GRADE		L+		C		R+	
1132		23.250		-22.1 55.2	-22.8 9.0	-23.8	-23.0 9.0	-22.3 55.6	
+50				-22.8 54.6	-23.3 9.0	-23.1	-21.9 9.0	-21.9 52.8	
1131		23.375	-0.125	-22.1 53.2	-22.8 9.0	-22.8	-21.9 9.0	-21.5 53.0	
+50				-21.3 52.6	-21.9 9.0	-20.9	-20.9 9.0	-20.9 52.8	
1130		23.500		-21.3 51.4	-21.3 9.0	-21.3	-21.3 9.0	-21.4 51.8	
+50				-21.1 51.2	-21.5 9.0	-21.6	-21.5 9.0	-21.4 51.8	
1129		23.625		-19.9 48.9	-20.1 9.0	-20.9	-21.2 9.0	-21.4 51.8	
+50			-0.125	-17.2 43.4	-18.0 9.0	-18.9	-18.3 9.0	-19.2 47.7	
1128		23.750		-16.7 40.8	-16.1 9.0	-16.3	-16.4 9.0	-17.3 43.6	
T1127+50				-15.1 39.2	-15.1 9.0	-15.0	-15.7 9.0	-15.8 39.6	

1681

9TH ELEV GRADE			4	0	7	86
1137+24	Bent # 13		-14.9 / 43.8	-15.9 / 9.0	-15.7	-15.4 / 9.0	-14.1 / 57.2
	22.625					
	20.750	-0.12558				
+45	Bent # 1		-15.8 / 40.6	-16.0 / 9.0	-14.6	-14.4 / 9.0	-13.7 / 36.9
1136	22.875		-18.1 / 47.2	-17.8 / 9.0	-17.8	-17.2 / 9.0	-16.3 / 41.6
+50			-19.4 / 37.8	-19.5 / 9.0	-19.7	-19.5 / 9.0	-19.0 / 37.0
1134	23.000		-20.8 / 44.6	-20.8 / 9.0	-20.9	-20.7 / 9.0	-20.3 / 49.6
+50			-20.7 / 50.4	-20.8 / 9.0	-20.8 / 8.0	-20.9 / 9.0	-21.0 / 51.0
1133	23.125	-0.12552	-20.7 / 50.4	-21.6 / 9.0	-21.8	-21.8 / 9.0	-21.6 / 58.2
T1132+50			-21.0 / 61.0	-21.7 / 9.0	-21.9	-21.9 / 9.0	-22.8 / 73.6

16821

Sta	Elev.	Grade		Lt	C	Rt	36
+50				-17.0 / 47.0	-19.1 / 9.0	-19.0	-19.8 / 20.1	-19.4 / 37.6
1141	22.125			-18.4 / 46.4	-18.7 / 9.0	-18.5	-19.0 / 16.9	-18.8 / 52.1
+50			-0.1258	-18.3 / 46.0	-18.4 / 9.0	-18.4	-18.6 / 13.3	-18.4 / 49.1
1140	22.250			-16.9 / 42.8	-17.1 / 9.0	-17.1	-17.4 / 5.0	-17.1 / 43.2
+81.4 △				-15.4 / 39.8	-16.2 / 9.0	-15.6	-17.0 / 9.0	-16.8 / 41.6
+50				-14.6 / 38.2	-15.1 / 9.0	-14.9	-14.8 / 9.0	-14.8 / 37.6
1139	22.375			-15.4 / 39.8	-14.8 / 9.0	-14.7	-14.8 / 9.0	-14.8 / 37.4
+50 △			-0.1259	-15.3 / 39.6	-14.4 / 9.0	-14.2	-14.2 / 9.0	-13.8 / 36.6
1138	22.500			-14.9 / 38.8	-14.4 / 9.0	-14.4	-14.5 / 9.0	-14.5 / 37.0
T1137+50				-14.2 / 37.4	-15.6 / 9.0	-15.3	-14.9 / 9.0	-14.9 / 37.4

1683

Sta.	Elev. Grade		Lt	C	Rt	
+50			-19.7 / 48.4	-19.5 / 9.0	-19.5	-19.5 / 32.0 / -19.9 / 64.8
1146	21.599	-.00565	-20.4 / 49.8	-20.1 / 7.0	-20.4	-20.5 / 32.0 / -20.9 / 62.4
+50			-20.4 / 49.8	-20.4 / 9.0	-20.4	-20.7 / 22.0 / -20.5 / 62.0
+16.46	21.604	X				
1145	21.625		-20.5 / 50.0	-20.5 / 9.0	-20.5	-20.8 / 22.0 / -20.5 / 63.0
+50			-20.2 / 49.4	-20.2 / 9.0	-20.4	-20.3 / 22.0 / -20.4 / 62.8
1144	21.750		-20.2 / 49.4	-20.2 / 9.0	-20.3	-20.3 / 22.0 / -20.4 / 62.8
+50			-20.0 / 49.0	-19.7 / 9.0	-20.0	-20.0 / 22.0 / -19.9 / 61.8
1143	21.875	-.01375	-19.7 / 48.4	-19.5 / 9.0	-19.5	-19.6 / 22.0 / -19.8 / 61.2
+50			-19.1 / 47.2	-19.3 / 9.0	-19.3	-19.2 / 22.0 / -19.6 / 61.2
T/1142	22.000		-19.2 / 47.4	-19.2 / 9.0	-19.2	-19.5 / 22.0 / -19.5 / 61.0

16841

Sta	Elev.	Grade		Δ		Q		BT	38
+50			-18.9 / 46.8	-19.1 / 9.0	-18.9	-19.1 / 23.0	-19.0 / 60.0		
1151	21.5665		-18.8 / 46.6	-18.8 / 9.0	-18.9	-19.0 / 23.0	-19.5 / 61.0		
+50			-19.0 / 47.0	-19.2 / 9.0	-19.1	-21.9 / 23.0	-19.6 / 61.2		
1150	21.573		-20.0 / 49.0	-19.8 / 9.0	-19.8	-21.1 / 24.0	-19.9 / 61.8		
+50			-19.8 / 48.6	-19.8 / 9.0	-19.8	-19.8 / 23.0	-19.6 / 61.2		
1149	21.5795		-18.9 / 46.8	-18.8 / 9.0	-18.6	-19.1 / 23.0	-19.2 / 60.9		
+50			-18.7 / 46.4	-18.9 / 9.0	-18.8	-18.8 / 23.0	-19.0 / 60.0		
1148	21.586		-18.0 / 46.0	-17.9 / 9.0	-17.6	-18.1 / 23.0	-18.7 / 59.4		
+50			-17.8 / 44.6	-17.9 / 9.0	-17.7	-18.0 / 23.0	-18.5 / 57.0		
T1147	21.5988		-18.1 / 45.2	-18.2 / 9.0	-18.2	-18.4 / 23.0	-18.8 / 57.6		

- 0.0065 -

- 0.0065 -

16851

Stg	Elev.	Grade						
			11		0		44	39
+31Δ			-18.0 / 45.0	-17.1 / 9.0	-17.2	-16.8 / 22.0	-16.6 / 55.2	
1156	21.534		-18.8 / 46.2	-18.6 / 9.0	-18.7	-18.1 / 22.0	-17.8 / 58.2	
+50			-19.4 / 47.8	-19.3 / 9.0	-19.0	-18.7 / 22.0	-17.2 / 58.7	
1155	21.5405		-19.3 / 47.6	-19.0 / 9.0	-19.0	-19.0 / 22.0	-18.8 / 58.6	
+50			-19.3 / 47.6	-19.2 / 9.0	-19.1	-18.9 / 22.0	-18.5 / 59.0	
1154	21.547		-18.9 / 46.8	-18.5 / 9.0	-19.0	-19.3 / 22.0	-19.1 / 60.2	
+50			-19.0 / 47.6	-18.4 / 9.0	-18.7	-18.4 / 22.0	-18.4 / 58.8	
1153	21.5575		-18.9 / 46.8	-18.4 / 9.0	-18.1	-18.1 / 22.0	-17.0 / 58.0	
+50			-18.8 / 46.6	-18.4 / 9.0	-18.4	-18.4 / 22.0	-18.2 / 58.8	
T1152	21.5600		-19.0 / 47.0	-18.8 / 9.0	-18.8	-18.9 / 22.0	-18.9 / 59.8	

1686

1558 Sl. Sdst.

650

1557 Sl. Sdst.

450

0.0065

T1135150

1554

0.0065

1687

Sta	Elev.	Quads	Lt.				Cl.				Rt.	
1163		21.4985	-16.0 / 45.0	-18.5 / 38.0	-21.0 / 30.0	-21.8 / 9.0	-17.5	-19.0 / 8.0	-17.2 / 8.0	-15.2 / 22.0	-8.0 / 38.0	
+50			-17.2 / 43.7	-17.6 / 33.0	-20.6 / 30.8	-20.6 / 9.0	-20.6	-19.0 / 8.0	-16.1 / 22.1	-9.6 / 41.2		
1162		21.4950	-15.8 / 40.6	-18.0 / 36.0	-20.2 / 35.0	-19.1 / 9.0	-18.6	-19.1 / 22.0	-11.0 / 44.0			
+55.			-17.8 / 44.6	-16.5 / 9.0			-17.1	-19.2 / 6.0	-20.4 / 22.0	-18.1 / 32.0	-12.8 / 46.0	
+50			-20.4 / 49.8	-18.8 / 9.0			-19.8	-20.4 / 22.0	-18.1 / 32.0	-12.0 / 46.0		
+25			-16.1 / 41.2	-16.1 / 30.0	-18.7 / 9.0		-17.3	-18.6 / 9.0	-12.1 / 46.2			
1161		21.5015		-15.2 / 8.94	-16.9 / 9.0		-18.1	-19.6 / 22.0	-18.8 / 34.0	-13.9 / 48.6		
+50				-16.1 / 41.2	-17.6 / 9.0		-20.1	-20.0 / 22.0	-17.8 / 42.0	-14.8 / 37.6		
T1160		21.508										
+50												
T1159		21.5145										

1688

Sta	Elev.	Grade		L	C					
1168		21.456	22.0	-20.3 / 49.2	-19.4 / 37.0	-8.3 / 9.0	-4.3	-4.1 / 9.0	-14.5 / 22.0	-18.3 / 25.	-16.9 / 45.7
+50											
+44.0											
1167		21.438			-15.6 / 41.2	-9.1 / 9.0	-6.4	-2.1 / 32.0	-2.8 / 11.0	-6.0 / 34.0	-12.3 / 32.0
+50				-20.8 / 50.8	-19.6 / 30.0	-13.6 / 9.0	-9.8	-3.8 / 11.0	-3.9 / 19.0	-5.8 / 22.0	-17.8 / 42.0	-16.1 / 36.0	-19.1 / 54.0
												-20.6 / 63.2	
1166		21.469		-21.1 / 51.2	-19.6 / 30.0	-14.8 / 9.0	-13.5	-6.6 / 10.0	-6.4 / 30.0	-7.4 / 22.0	-10.9 / 35.0	-16.2 / 32.0	-18.5 / 24.0
+50				-22.2 / 53.4	-18.4 / 12.0	-17.9 / 9.0	-14.8	-6.7 / 16.0	-6.2 / 22.0	-7.4 / 27.0	-16.9 / 47.0	-18.6 / 50.0	
								-20.7 / 63.7					
1165		21.4755		-22.4 / 53.9	-20.6 / 30.0	-13.3 / 9.0	-16.2	-7.3 / 13.0	-7.0 / 32.0	-13.0 / 60.0			
+50				-19.7 / 46.4	-20.5 / 46.0	-22.6 / 9.0	-18.9 / 3.0	-18.2	-7.5 / 15.0	-7.1 / 22.0	-7.6 / 23.5	-17.0 / 45.0	-18.4 / 58.8
1164		21.4820		-19.0 / 47.0	-18.6 / 28.0	-21.3 / 32.0	-22.8 / 20.0	-22.2 / 9.0	-18.8	-18.7 / 16.6	-10.8 / 22.0	-8.0 / 37.0	-6.9 / 35.8
T1163+50				-18.2 / 45.4	-18.6 / 32.0	-24.5 / 30.0	-23.0 / 9.0	-20.4	-7.8 / 9.0	-7.6 / 20.0	-18.1 / 32.0	-8.6 / 31.0	-7.0 / 28.0

A 0.0015

B 0.0015

16891

0691

1171

1170 + 30 + 805

+ 53 + 50 ✓

+ 50

21443

90

-0.0065

18°

-10.8 / 25°

-8° / 9°

-6.9 / 5°

-6.1

-7.0 / 8°

-9.1 / 12°

-18.5 / 40°

1169

21.4435

16°

-2.9 / 14.9

-3° / 9°

-9°

-14.2 / 15.8

-20.9 / 42.9

1168+50

18°

-16° / 44.8

-5.8° / 9°

-4° / 8°

-2.8°

-3.9 / 20

-15.1 / 18°

-16.6° / 21.°

-18.°

S/2.

X Sections opp: Depot
Walnut Grove

1436+00

						DR	BR	BR						BR	BR	BR
3.7	4.6	15.8	20.9	20.9	21.8	21.8	21.8	20.9	20.9	14.1	9.0	5.7	5.1	5.9	5.9	6.9
50.	39	20.	11.	7.	4.		4	6.7	10.4	20.	28	33	38	46	44.	48
							5.1	3.9	3.9							
							50.	36.	100.							

1436+57.5

						BR		BR	BR					BR	BR	BR
3.2	3.8	15.9	20.8	20.8	21.8	21.8	21.8	20.9	20.9	14.4	8.9	5.1	5.1	5.9	5.9	5.9
50.	47.	20.	11.5	7.	4		4	6.8	10.6	20.	28.	34.	38.	46	44	48.
							4.9	4.1	1.0							
							50	36.	100.							

Probable El. of Found. Incline Well 2.5

1691

Use Star Grade

11/11/20 -8.0

11/11 -30.0 81.1495

11/20 81.1495

-0.865

1692

1693

21.404

T 1175 +89.5

-190 286 -181 27.1 -177 26.6 -177 26.6 -170 255.0

+50.5

+35.5

+34.5 H°Obs. Blk

-191 37.7 -181 9.0 -177 -176 -169 37.4

1173 21.410.5 -0.006559

-185 37.8 -185 9.0 -181 -176 9.0 -165 37.2

+50 J.3 -186 36.9 -184 9.0 -181 -178 9.0 -171 34.0

1174 3.3 21.416 -189 37.5 -181 9.0 -181 -180 9.0 -174 35.1

+50 2.0 -176 36.9 -185 9.0 -185 -182 9.0 -178 36.7

1178 2.5 21.423.4 -192 37.8 -189 9.0 -183 -185 9.0 -185 36.8

+50 3.4 -186 36.9 -185 9.0 -190 -188 9.0 -189 37.9

1172 2.2 21.430 -190 37.4 -188 9.0 -192 -190 9.0 -188 38.0

4691

Sta.	Elev.	Grade					
T 1180	21.378	X	-175 / 358	-172 / 9°	-172	-170 / 9°	-170
+50			-170 / 345	-171 / 9°	-170	-167 / 9°	-166 / 339
1179	21.3845		-169 / 343	-170 / 9°	-169	-169 / 9°	-166 / 339
+50			-172 / 351	-171 / 9°	-170	-170 / 9°	-171 / 349
1178	21.391		-182 / 369	-177 / 9°	-176	-178 / 9°	-179 / 364
+50			-188 / 372	-185 / 9°	-184	-186 / 9°	-184 / 364
1177	21.3975		-182 / 363	-177 / 9°	-175	-177 / 9°	-176 / 352
+50	37		-189 / 363	-178 / 9°	-175	-179 / 9°	-172 / 347
+40	41		-184 / 364	-186 / 9°	-178	-171 / 9°	-170 / 349
+13	35		-180 / 279	-181 / 272	-179 / 269	-178 / 260	-164 / 244

T 1180 Δ

Bill # 46 50' Rt. Elev. 1.398

16951

T 1184+09. 25 Left Back ^{Ang}

-15.6 / 29.3 | -15.1 / 9° | -15.0 | 17.21 | -15.1 / 17.21 | -15.4 / 40.3

-15.7 / 29.6 | -15.6 / 34.1 | -15.5 / 23.3 | -15.3 / 23.3 | -15.3 / 28°

B.M.^{#} 68' Rt. of T 1183+50 at foot of fence post Elev 6.958

1183+19 25 Left Back ^{Ang} 1

-16.3 / 34° | -15.9 / 23.9 | -16.7 / 23.6 | 23.94 | -16.6 / 23.9 | -15.7 / 23.6

1183 21.676

-16.3 / 33° | -16.3 / 9° | -16.0 | -16.9 | -16.9 / 17.4

+72.16 A

+50

+42.82 L.C.

-16.4 / 23° | -16.5 / 9° | -16.9 | -16.7 / 9° | -16.6 / 12.71 | -16.4 / 26.7 | -16.1 / 50.9

-16.9 / 34.4 | -16.7 / 9° | -16.9 | -16.9 / 9° | -17.0 / 11.8 | -16.9 / 23.8 | -16.6 / 37.0 L.C. | -16.4 / 54.

1182 21.510

-17.0 / 34.5 | -17.0 | -16.8 | -16.9 / 9° | -17.1 / 15.3 | -17.0 / 27.3 C.S. | -16.9 / 34.4 | -16.8 / 36.3 | -16.5 / 60.

+50

-17.2 / 35° | -17.5 / 9° | -17.3 | -17.2 / 9° | -17.1 / 29.3 | -17.1 / 34.7 | -17.1 / 39.3 C.S. | -17.0 / 47.3 | -16.7 / 71.0

1181 21.548

-17.3 / 35° | -17.2 / 9° | -17.3 | -17.5 / 9° | -16.8 / 34.2 | -16.6 / 45° | -16.2 / 54° C.S. | -16.0 / 63° | -15.6 / 84.8

+61.5 Intersection of Iron

-17.4 / 38.1 | -17.2 / 9° | -17.1 | -16.9 / 9° | -16.8 / 34.2 | -16.8 / 59.4 | -16.8 / 68.4 +00 | -16.7 / 67.4 | -16.5 / 1.01

T 1180+50

-17.6 / 35.4 | -16.9 / 9° | -17.2 | -16.9 / 9° | -16.8 / 34.2

Sta	Elev	Grade					
T 1184		21.072	-15.3 / 32°	-15.3 / 9°	-15.2	-15.3 / 9°	-16.1 / 311
+50			-14.0 / 31.5	-14.3 / 9°	-14.7	-14.6 / 9°	-14.0 / 31.3
1185		21.106	-13.9 / 29.9	-13.8 / 9°	-13.7	-13.9 / 9°	-13.8 / 30.2
+50			-15.0 / 32.8	-15.0 / 9°	-15.0	-14.9 / 9°	-14.8 / 31.2
1185+1		21.140	-15.0 / 31.5	-14.8 / 9°	-14.9	-14.9 / 9°	-14.6 / 30.9
+50			-15.6 / 33.4	-15.7 / 9°	-15.7	-15.9 / 9°	-14.9 / 31.4
1186		21.174	-15.4 / 32.1	-15.6 / 9°	-15.6	-15.4 / 9°	-15.0 / 31.5
+50			-15.4 / 33.1	-15.5 / 9°	-15.5	-15.3 / 9°	-15.1 / 31.7
		1186+32 water pipe					
+329	Point	of sight switch	-16.5 / 35.3	-15.4 / 9°	-15.3	-15.2 / 9°	-15.1 / 31.7
T 1186		21.208	-16.1 / 34.4	-15.6 / 9°	-15.6	-15.3 / 11.0	-14.8 / 30.9
T 1187+55 d			-15.5 / 33.2	-15.9 / 9°	-16.1	-15.9 / 13.71	-15.8 / 37.0

16961

T 11+80 to 12+50

Asphalt Roadway

-0.03 ft

T 11+80 to 12+50

Asphalt Roadway

Elev. 15.310

Elev. 15.310

1697

Date Elev. Grade C.F. C.

Description

Station

Cut

Fill

Remarks

1698

6691

T 1421 + 0.8 — 0.5 Back of Bent #6

-15' 31.4 | -15' 9.0 | -14.0 | -14.2 9.0 | -14.8 31.2

-15.0 32.6 | -14.0 31.8 | -14.4 31.6 | -14.0 31.0 | -14.7 32.2

86.3

71.3

56.8

45.5 — 10.8

39.5 — 0.0148

-15.1 22.7 | -15.1 22.7 | -14.2 20.4 | -14.9 32.6 | -15.2 28.9

T 1197 + 24.5 — 26 back from Bent #1

-15.3 32.0 | -15.2 9.0 | -15.3 | -15.2 9.0 | -15.0 31.5

T 1197 + 43.7 = 1220 + 68.2 — Δ 20.784

-15.2 31.8 | -15.1 9.0 | -15.2 | -14.9 9.0 | -14.7 31.1

1197 — 20.800

-15.0 31.6 | -15.3 9.0 | -15.3 | -15.1 9.0 | -14.7 31.1

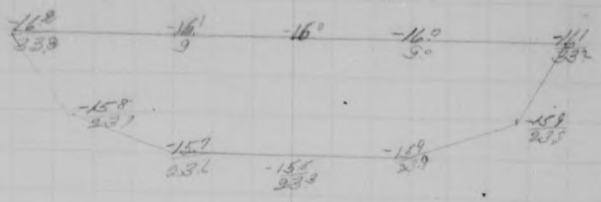
+50 — 0.034

-14.7 31.1 | -14.8 9.0 | -14.8 | -14.7 9.0 | -14.2 30.3

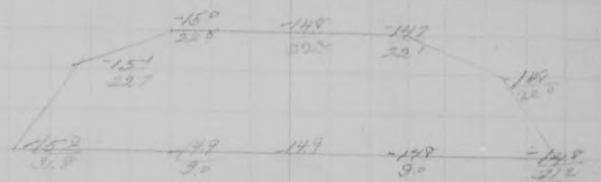
T 1196 — 20.834

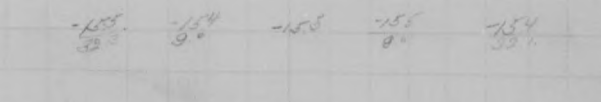
-14.1 29.2 | -14.2 9.0 | -14.0 | -13.9 9.0 | -13.7 29.3

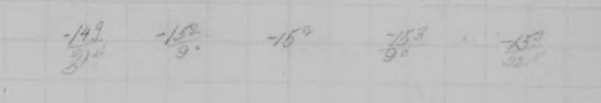
1700

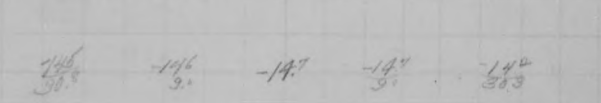


B.M. 19.053









Sta.	Grade										
+50	20.672	16.207		-16.7 / 9.0	-16.8	-16.5 / 9.0	-16.4 / 15.7	-12.0 / 15.1	22.6	-18.0 / 24.7	-11.9 / 33.7
											-11.6 / 51.1
1428	20.677	17.707	-16.7 / 34.1	-16.7 / 9.0	-16.7	-16.5 / 9.0	-16.5 / 13.5	-10.6 / 13.5	21.4	-13.7 / 22.5	-13.5 / 31.5
											-13.2 / 57.3
+78.7	20.682	18.246	-16.6 / 23.9	-16.5 / 9.0	-16.3	-16.3 / 9.0	-15.9 / 12.7	-14.1 / 10.5	20.5	-13.9 / 21.7	-13.5 / 30.7 / 13.6 / 57.1
+80	20.684	19.207	-16.2 / 38.0	-16.0 / 9.0	-15.8	-15.9 / 9.0	-15.9 / 10.4	-14.4 / 10.0	12.7	-14.6 / 18.8	-14.3 / 28.4 / -14.1 / 49.2
1427 +00.5	20.692	20.692	-15.8 / 68.7	-15.7 / 9.0	-15.7	-15.8 / 9.0		15.2 / 14.3	-16.9 / 8.2	-15.3 / 24.2	15.9 / 48.1
+50	20.700		-16.0 / 53.0	-16.0 / 9.0	-16.0	-16.0 / 9.0	-15.9 / 11.7	-14.0 / 8.4	-12.8 / 20.4		
1426 + 20.5	20.704		-16.2 / 23.0	-16.1 / 9.0	-16.0	-16.1 / 8.9	-16.1 / 9.0	-16.3 / 17.9	-14.1 / 42.1		
	20.707										
+77.9	20.711		-16.4 / 39.7	-16.0 / 9.0	-15.8	-16.1 / 11.7	-16.1 / 9.0	-15.4 / 15.1	-14.1 / 37.9		
1425 +50	20.717		-16.1 / 32.2	-15.8 / 9.0	-15.6	-16.0 / 3.0	-15.6 / 9.0	-15.2 / 12.0	-15.9 / 35.1		
	Point of Split Switch										
2+00 +99.5	20.721		-16.2 / 23.5	-16.0 / 9.0	-16.0	-15.9 / 9.8	-16.4 / 9.0				

1701

Sta	Grade							
+38	20.617	5.000	-17.5 / 6.5	-17.5 / 6.5	-17.5	-17.4 / 9.0	-17.3 / 30.4 -17 / 39.4	-17 / 41.4 -16.4
+28	20.619	5.000	-17.2 / 6.5	-17.2 / 6.5	-17.2	-17.1 / 9.0	-17.0 / 26.4 -14 / 39.4	-11.7 / 40.4 -11.2
1432	20.622	5.707	-17.7 / 6.5	-17.2 / 5.0	-17.3	-17.0 / 9.0	-16.9 / 31.3 -2.0 / 31.3	-1.9 / 42.3 -1.9 / 42.3
+32	20.624	7.207	-17.2 / 34.8	-17.0 / 9.0	-17.1	-16.9 / 9.0	-16.7 / 29.1 -3.8 / 38.1	-3.3 / 47.1 -3.0 / 50
1431	20.636	8.707	-16.9 / 34.1	-16.8 / 9.0	-16.8	-16.6 / 9.0	-16.4 / 36.9 -4.7 / 44.9	-4.6 / 49.9 -4.5 / 54.9
+30	20.643	10.207	-16.7 / 34.1	-16.5 / 9.0	-16.6	-16.5 / 9.0	-16.4 / 34.7 -6.1 / 43.7	-6.1 / 53.6 -5.8 / 58.7 -5.9 / 59.6
1430	20.650	11.707	-16.2 / 33.9	-16.0 / 9.0	-16.0	-16.0 / 9.0	-15.9 / 22.4 -10 / 31.4	-7.1 / 40.4 -7.4 / 49.4 -7.3 / 54.4
+28	20.657	13.207	-16.1 / 33.9	-16.1 / 9.0	-16.0	-15.7 / 9.0	-15.7 / 20.2 -8.2 / 30.2	-8.2 / 39.2 -8.1 / 38.2 -8.0 / 53.2
+29+00	20.664	14.707	-16.5 / 33.8	-16.0 / 9.0	-16.2	-16.2 / 9.0	-16.2 / 17.8 -11.2 / 26.8	-10.8 / 35.9 -10 / 44.9 -10.2 / 60.1

1702

1703

Sta Grade

BM. 18.933

1707

Sta	Grade	Lt	C	Rt	Sta
E 1438 + 22.8	20.535 Rod = 0				
	BM 18.818				
1438	20.538				
150					
1437 + 47.5	20.545 Rod = 1				
1437	20.552				
1436 + 76.5 Cen. Depot	20.555				
+50					
1436	20.566				
+50					
1435	20.590				

Sta	Elev	Grade								
[illegible]		20.490	5.00	-16.7 / 34.1	-15.8 / 9.0	-15.9	-15.7 / 9.0	-15.8 / 32.8	-0.8 / 32.0 / -0.6 / 41.0	-0.8 / 50.0 / -0.8 / 57.2
1441 +15	R	20.494	5.00	-16.7 / 34.1	-15.7 / 9.0	-15.9	-16.0 / 9.0	-16.2 / 32.3	-0.7 / 33.0 / -1.4 / 41.8	-1.1 / 50.3 / -1.1 / 59.8
1441	20.496	20.	5.00	-16.5 / 33.8	-15.6 / 9.0	-15.7	-16.0 / 9.0	-16.4 / 32.8	-1.1 / 33.3 / -1.3 / 41.6	-1.8 / 50.6 / -1.8 / 59.6
+50	20.503			-16.2 / 32.8	-16.3 / 9.0	-16.1	-16.4 / 9.0	-17.2 / 33.3	-1.7 / 33.3 / -1.5 / 41.1	-1.6 / 52.1 / -1.6 / 59.7
1440	△ 20.510			-17.1 / 34.7	-17.1 / 9.0	-16.9	-16.7 / 9.0	-16.6 / 33.2	-1.1 / 50.3 / -1.2 / 43.5	-1.3 / 52.5 / -1.7 / 59.2

R. P. see page 69

+86.7	20.512			-17.5 / 35.3	-17.2 / 9.0	-16.9	-16.7 / 9.0	-16.6 / 33.3	-1.0 / 32.3 / -1.3 / 41.0	-1.2 / 55.0 / -1.2 / 57.6
+50	20.517			-18.0 / 36.0	-17.6 / 9.0	-17.6	-17.1 / 9.0	-16.8 / 33.3	-1.8 / 32.3 / -1.2 / 41.0	-1.3 / 53.0 / -1.3 / 57.6
1439	20.524			-17.2 / 34.9	-17.2 / 9.0	-17.9	-17.8 / 9.0	-17.8 / 35.3	-2.3 / 32.3 / -2.1 / 41.0	-1.9 / 53.0 / -1.9 / 59.7
+50	20.531			-18.2 / 36.9	-18.1 / 9.0	-18.0	-18.0 / 9.0	-17.9 / 32.3	-2.1 / 32.3 / -2.2 / 41.0	-2.5 / 53.0 / -2.4 / 59.7

1705

-Sta	Elev	Grade									
1446		20.426	15.082	-160 / 33°	-157 / 9°	-157	-153 / 9°	-154 / 11.4	-188 / 30.7	-18.8 / 29.4	-184 / 39.3
									C.S.		
+50		20.423	17.332	-157 / 32.6	-156 / 9°	-158	-158 / 9°	-157 / 13.7	-126 / 32.7	-10.6 / 31.0	-10.4 / 30.3
									C.S.		
1445		20.440	15.832	-165 / 33.8	-162 / 9°	-162	-160 / 9°	-158 / 15.9	-112 / 33.7	-11.4 / 33.9	-11.3 / 30.0
									C.S.		
+50		20.447	14.332	-158 / 32.7	-161 / 9°	-160	-161 / 9°	-160 / 18.2	-96 / 27.2	-9.4 / 36.2	-9.8 / 29.2
1444		20.454	12.832	-155 / 32.3	-157 / 9°	-157	-159 / 9°	-153 / 22.7	-27 / 27.3	-2.7 / 36.3	-2.9 / 30.3
									C.S.		
+50	49	20.461	11.332	-158 / 32.7	-156 / 9°	-156	-157 / 9°	-156 / 28.7	-66 / 32.7	-6.2 / 31.7	-6.1 / 40.7
1443		20.468	9.832	-159 / 22.9	-157 / 9°	-156	-154 / 9°	-157 / 25°	-46 / 39°	-4.4 / 43°	-4.0 / 44.9
+50		20.475	8.332	-157 / 33.6	-159 / 9°	-159	-158 / 9°	-158 / 27.2	-31 / 36.2	-3.1 / 45.2	-3.1 / 44.9
1442		20.482	6.832	-164 / 38.6	-160 / 9°	-159	-155 / 9°	-151 / 31.7	-15 / 29.6	-1.8 / 38.6	-1.6 / 47.8
+50		20.489	5.332	-167 / 39.1	-160 / 9°	-161	-158 / 9°	-157 / 31.7	-06 / 31.7	-0.9 / 40.7	-1.1 / 49.7

1709

Sta.	Elev	Grade	Lt		C.	Rt		
E° 1449+62°	75	20.384	-14.1 / 33.0	-13.0 / 9.0	-12.9	-12.7 / 9.0	-12.6 / 37.9	
1449	82	20.384	-12.9 / 30.4	-12.4 / 9.0	-12.2	-12.5 / 9.0	-11.9 / 24.9	
E° 1448+99° Δ PT on Tang = L° 1448+99° Δ P.C.	8°	20.384	-12.9 / 28.4	-12.4 / 9.0	-12.4	-12.7 / 9.0	-10.0 / 37.0	
E 1448+53.9 Δ	H.B.	20.390	-13.2 / 38.8	-12.7 / 9.0	-12.1	-11.8 / 9.0	-11.3 / 36.0	
1448		20.398	-12.9 / 38.4	-12.3 / 9.0	-12.0	-10.1 / 3.2 / 3.2 C.S.	-11.9 / 11.6 / 12.2	-11.7 / 29.1 / 29.4
+75 Δ		20.401	-13.4 / 29.1	-12.8 / 9.0	-12.4	-12.4 / 4.7 C.S.	-13.0 / 9.0	-12.1 / 13.7 -11.5 / 31.0
+50		20.405	-15.0 / 31.0	-14.3 / 9.0	-14.3	-13.6 / 7.2 C.S.	-13.3 / 9.0	-13.1 / 14.2 -13.8 / 36.9
+32.6 Δ		20.407	-16.1 / 33.2	-15.4 / 9.0	-15.2	-15.0 / 8.9 C.S.	-15.1 / 9.0	-15.6 / 19.3 -12.9 / 35.8
1447		20.412	-16.6 / 33.9	-17.1 / 9.0	-17.0	-16.4 / 9.0	-16.3 / 11.8 C.S.	-15.8 / 20.8 -15.0 / 43.7
1446+52.9		20.419	-17.4 / 36.1	-16.8 / 9.0	-16.6	-16.3 / 9.0	-16.3 / 15.4 C.S.	-15.9 / 24.4 -16.1 / 42.6

20.407

+30.8

1707

1708

Sta	Elev.	Grade	Lt	℄	Rt	May 11, 1920
		20.384				
E' 1452+69.7		Top				
E' 1453+86.5	9.6	20.384	-11.9 / 26'	-10.9 / 9°	-10.8 / 9°	-11.3 / 26'
1453+01.5 a	8.6	20.384	-11.5 / 26.3	-11.4 / 9°	-11.8	-11.4 / 26'
1453	8.9	20.384	-11.4 / 26.1	-11.5 / 9°	-11.6	-11.5 / 9° / -11.4 / 26'
+50	8.7	20.384	-11.8 / 26.7	-11.8 / 9.0	-11.7	-11.5 / 9° / -11.5 / 26°
1452	8.7	20.384	-11.8 / 26.8 η	-11.7 / 9°	-11.7	-11.5 / 9° / -11.3 / 26°
+50	8.8	20.384	-12.8 / 29.2	-12.2 / 9°	-12.2	-11.8 / 9° / -11.8 / 26.9 η
1451	8.7	20.384	-12.5 / 27.8	-11.9 / 9°	-11.7	-11.8 / 9° / -11.8 / 26.9 η
		B.M.# 4 nails in fence corner 50' Lt. E' 1450+36 Elev. 8.110 St.				
+50	7.9	20.384	-12.8 / 29.2	-12.5 / 9°	-12.5	-12.4 / 9° / -12.4 / 27°
1450	4	20.384	-14.0 / 30°	-13.9 / 9°	-12.9	-12.9 / 9° / -12.6 / 27.2

Road to Straight house turn

School House

Level

Level

2 1177 + 57.05				-16.1 / 31.7	-15.2 / 9.0	-14.9	-14.7 / 9.0	-14.9 / 31.4
	21.225							
784.05				-15.5 / 32.0	-15.2 / 9.0	-15.0	-15.0 / 9.0	-14.8 / 31.2
1178 + 1205	21.274			-15.5 / 32.3	-15.4 / 9.0	-15.2	-15.3 / 9.0	-15.0 / 31.5
	21.282							
+50	21.235			-15.4 / 32.1	-15.3 / 9.0	-15.5	-15.4 / 9.0	-15.4 / 32.1
1179	21.240			-16.1 / 33.2	-15.8 / 9.0	-15.6	-15.5 / 9.0	-16.1 / 32.1
+50				-14.2 / 30.7	-16.2 / 9.0	-15.9	-15.5 / 9.0	-15.0 / 31.5
1180	21.247			-16.8 / 33.5	-15.8 / 9.0	-16.8	-15.7 / 9.0	-16.8 / 31.8
2. 1180+50				-16.4 / 33.6	-15.8 / 9.0	-16.7	-16.8 / 9.0	-15.1 / 31.7

+00 753

See Final Cross Section Book No 6, page 48.

1709

Pages 62 To 64 Used In
Final Estimate No. 199

1710

Sta.	Grade	L+	C	
S 1170	21.172	-20 / 16.0	-18 / 3°	-12
+50	21.176	-32 / 13°	-18 / 3°	-11
1171	21.180	-40 / 16°	-20 / 3°	-12
+50	21.183	-45 / 11.2	-24 / 3°	-09
1172	21.187	-49 / 3°	-23 / 3°	-15

+0.007558

1172 +16 ∠ B.C.	21.189	-37 / 17.6	-32 / 3°	-0.7	-19 / 3°	-18 / 11.9
+46'	21.191	-45 / 82.4	-45° / 30°	7.8 / 3°	-2.9	-19 / 3°
1172 +76 ∠ C.C	21.193	-49 / 38.7	-127 / 3°	-7.9	-56 / 3°	-38 / 11.9
1173	21.195	-140 / 30.3	-145 / 3°	-142	-143 / 3°	-144 / 11°
S 1173 +50	21.192	-147 / 21	-149 / 3°	-114	-14° / 3°	-137 / 14°

grade to fence post

100' Δ 100'

1711

Sta	Grade						
0+10	22.8	Road Crossing at S 1125+00					
0+20	20.5	-145/318	-14'/10=	-13.6	-13.0/10=	-11.5/27.7	
0+50	18.9	-12'/28=	-11'/10=	-11'	-10.7/10=	-9.7/29.5	
1+00	13.9	-6.9/20.4	-6'/10=	-6'	-5.8/10=	-5.3/18.=	
1+50	8.9	-1.8/2.7	-1.6/10=	-1.2	-0.4/10.0	-0.4/11.6	
1460	7.9			-0.0	-0.7/18.1	-0.7/11.0	

E 1394+09.4		-0.6/19.0	-1.8/3=	-1.0	-1.5/3=	-2.0/18.=
9" 1169+66.5	21.170					
1169	21.165					

Pages 74~~To~~ Used In
Final Estimate No. 201

Grade Road Crossing at E° 1450+66 △ July 1st 1970

1+70	6.034					
1+50	8.034	-2.0	-2.0	-1.9	-1.8	-2.0
		20.1	10.0		10.2	19.9
1+00	18.034	-6.7	-6.5	-6.5	-6.4	-6.4
		30.1	10.0		10.2	19.2
0+50	18.034	-11.0	-10.6	-10.6	-10.4	-10.4
		27.9	10.0		10.0	25.2
0+25	20.034	-12.9	-12.6	-12.7	-12.8	-12.9
		29.4	10.0		10.2	28.0
0+10	22.034	-16.5	-16.5	-16.5	-16.5	-16.5
		24.8	10.0		10.0	27.0
E° 1450+66 △ = 0+0.0 △	22.034	-16.5	-16.5	-16.5	-16.5	-16.5
		24.8	10.0		10.0	24.9
0+10	22.034	-16.5	-16.5	-16.5	-16.5	-16.5
		24.8	10.0		10.0	24.8
0+25	20.034	-11.6	-12.1	-12.1	-12.1	-12.3
		27.4	10.0		10.0	28.5
0+50	18.034	-9.8	-10.0	-10.1	-10.3	-10.2
		27.7	10.0		10.2	25.3
1+00	13.034	-4.8	-4.9	-4.9	-4.9	-4.5
		17.2	10.0		10.0	12.5
1+45	8.034		0.0	0.0	0.0	
			10.0		10.0	

17113

P/3.

"E"

P.C.

1452 + 50 Lt. 20 Lt

1452

- 50

1451

1450 + 50 20 Lt

"X" Sections of Roadbed before Mar 8/12 &
being extended & raised by Contractor

-11.5 -11.5 -11.5 -11.5 -11.5

-11.8 -11.7 -11.7 -11.4 -11.3
24.7 9. 9. 9. 9.

-10.7 -9.5 -8.9 -9.0 -9.3
25.0 9. 9. 9. 23.0

-8.8 -10.5 -9.1 -9.5 -8.6
33.3 9. 9. 9. 31.9

-7.3 -5.2 -7.6 -3.2 -4.5
30.0 9. 9. 9. 31.2

0.0 0.0 0.0 0.0 0.0

1715

1716

EB 14-50

EB 14-40

1717

1718

12:10
13.00
13 14

24.115

SW 1/4 Sec 22

T 11 S R 8 E Baker

0500

1719